

| Ref # | Hits   | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|------------------------------|------------------|---------|------------------|
| S1    | 2209   | (709/227).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/10/18 14:04 |
| S2    | 8      | ((hub repeater) and ((link adj2 pulses) or heartbeat) and (detect\$5 monitoring or monitored sense sensing sensed) and (interface controller) and (hub repeater) and (link channel)) and ((hub repeater) same devices same (link adj2 pulses) same (detect\$5 monitoring or monitored sense sensing sensed) and (status state) and connected) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/10/20 08:56 |
| S3    | 1      | ("6182135").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/10/18 14:11 |
| S4    | 1      | ("5687174").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/10/18 14:52 |
| S5    | 1      | ("6457055").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/10/18 15:42 |
| S6    | 1      | ("5666359").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/10/18 15:42 |
| S7    | 523379 | (monitored monitoring detect\$3) and ("link pulse" heartbeat link pulse)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2004/10/19 12:46 |
| S8    | 523379 | (monitored monitoring detect\$3) and ("link pulse" heartbeat link pulse)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2004/10/19 12:46 |
| S9    | 30656  | S8 and (hub repeater)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2004/10/19 12:53 |
| S10   | 24890  | S9 and (disabl\$3 block\$3)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2004/10/19 12:56 |
| S11   | 15007  | S10 and network   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2004/10/19 12:57 |
| S12   | 1262   | S11 and "establish connection"  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2004/10/19 12:58 |
| S13   | 1199   | S12 and indicat\$3  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2004/10/19 13:00 |

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| S14 | 1165 | S13 and (device component) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/10/19 13:01 |
| S15 | 1116 | S14 and device             | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/10/19 13:01 |
| S16 | 740  | S15 and equipment          | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/10/19 13:12 |
| S17 | 1    | ("5617418").PN.            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 13:24 |
| S18 | 2    | S16 and "link detection"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 14:23 |
| S19 | 7    | S15 and "link detection"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 14:37 |
| S20 | 197  | "sequential polling"       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 14:37 |
| S21 | 71   | S20 and link               | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 15:28 |
| S22 | 1    | ("6038600").PN.            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 15:28 |
| S23 | 1    | ("5944794").PN.            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 15:30 |
| S24 | 1    | ("5923663").PN.            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 15:30 |
| S25 | 1    | ("5864683").PN.            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 15:31 |
| S26 | 1    | ("5815577").PN.            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 15:33 |
| S27 | 1    | ("5721779").PN.            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 15:34 |
| S28 | 1    | ("5432775").PN.            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 15:49 |
| S29 | 0    | ("7620980").PN.            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 15:52 |

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| S30 | 1      | ("5421024").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 15:53 |
| S31 | 1      | ("5293635").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 15:53 |
| S32 | 1      | ("5226120").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 15:56 |
| S33 | 1      | ("5218601").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 15:56 |
| S34 | 1      | ("5048009").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/19 15:56 |
| S35 | 659836 | (link connection) and (monitoring detect\$3)                          | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 09:07 |
| S36 | 264    | (370/359).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 09:17 |
| S37 | 137    | S36 and link  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 09:18 |
| S38 | 3      | S37 and ("link pulse" heartbeat)                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 09:32 |
| S39 | 384    | (370/449).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 09:32 |
| S40 | 12     | S39 and ((link adj pulse) heartbeat)                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/10/20 10:24 |
| S41 | 432    | (370/419).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 10:25 |
| S42 | 288    | S41 and (link connection) and (monitoring monitored detect\$3)        | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 10:26 |
| S43 | 17     | S42 and (link connection) near (monitoring monitored detect\$3)       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 10:34 |
| S44 | 383    | (370/447).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 10:36 |
| S45 | 55     | S44 and (((communication adj channel) link) and (pulse or heartbeat)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 10:37 |

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| S46 | 2  | S44 and (((communication adj<br>channel) link) near (pulse or<br>heartbeat)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 10:45 |
| S47 | 47 | (370/457).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 11:01 |
| S48 | 0  | "serial link detection"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 11:02 |
| S49 | 0  | "parallel link detection"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 11:03 |
| S50 | 1  | ("5754552").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 12:24 |
| S51 | 1  | ("5883894").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/20 12:24 |